MATHEMATICS MAGAZINE

Index to Volume 29 September-October 1955 - May-June 1956

Articles by Title

	Page
A Certain Bridge Tournament Seating Problem and Lauin Squares	
B.J. Pettis	. 233
of Numbers III - H.S. Vandiver and M.W. Weaver	. 135
A Generalization of the S-Stirling Numbers - Jerome Hines	. 277
A grass-Root Origin of a Certain Mathematical Concept - Glenn James	. 131
A grass-Root Origin of a Certain Mathematical Concept - Glenn James. A Method for Solving \sin^{2n} ax dx and \cos^{2n} ax dx - L.L. Pennisi . An Application of a Cauchy Functional Equation in Elementary	. 271
Differential Equations - Moy F. Heeves and Lyle E. Purcell	. 262
An Example in Functional Equations - H. Steinberg	. 129
A Representation of the Commutator Subgroup - Peter Iff	. 161
A vectorial Derivation of Cramer's Rule - W.J. Klimozak Certain Topics Related to Constructions With Straight-edge and	. 154
Compasses - Adrien L. Hess	. 217
Compasses - Adrien L. Hess	. 1
H. W. Becker	. 123
Comment on H W Recker's Comment on L. Caper's Pythagorean Principle	. 124
H.W. Becker. Comment on Above Comment - Fred G. Elston Comment on H.W. Becker's Comment on L. Caner's "Pythagorean Principle and Calculus" - J.M. Gandhi Comment on Pedro Pizo's "On the Case n = 3 of Fermat's Last Theorem"-	. 204
Comment on Pedro Pizo's "On the Case n = 3 of Fermat's Last Theorem"-	. 205
Peter Yff	. 206
Comment on L. Caner's "Pythagorean Principle and Calculus"- H.W. Becker Comment on L.E. Diamond's "New Meanings for Old Symbols" - H.W. Becker.	. 258
Comment on "The Trapezoid of Two Crossed Ladders" by H.A. Arnold -	
C.D. Smith	. 259.
Complex Quantities in the First Course in Differential Equations -	•
Hugh J. Hamilton	. 198
Geometry in General Education - R.E. Horton	. 41
Inner Product of Two Circles - A.R. Amir-Moez	. 269
Irrational Numbers - Louis E. Diamond	. 89
Long-Short Lines - Glenn James	. 254
New Meanings for Old Symbols - Louis E. Diamond	. 209
On Certain Sequences of Integers Defined by Sieves - Verna Gardiner,	. 117
R. Lazarus, N. Metropolis and S. Ulam	. 86
On Finding Characteristics of Logarithms - T.F. Mulcrone	. 267
One Side Tangents - William R. Ransom	. 63
Operator Mathematics III - Jerome Hines	. 69
Some Numbers Related to the Bernoulli Numbers - Mike Rough	. 101
Suggestions to Prospective Authors - Editor	. 134
The Coefficients of sin hx/ sin x - L. Carlitz	. 193
The Crossed Ladders - H. A. Arnold	. 153
Di Ciango Composition I I I I I I I I I I I I I I I I I I I	
Articles by Authors	
Amir. loez, A.R Inner Product of Two Circles	. 269
Arnold, H.A The Crossed Ladders	. 153
pecker, n. w Comment on nextural and existing a raper on returned a	1 23

Armstrong, Stephen, 222 Bankoff, Leon, 107, 110, 112, 112, 171, 172, 223, 285, 288 Bissinger, Barney 107, 287 Bowen, Ben 47 Boyer, Billy J. 225 Brauer, George U. 107 Braun, Julian H. 45, 114, 227 Brown, Donald M. 107, 111, 285 Byrne, W.E. 52 Cappel, K.L. 282 . Carlitz, Leonard 282 Clawson, J.W. 222, 285, 288 Coffman, Rafael T. 112, 285 Court, N.A. 281 Demir, Huseyin, 46, 43, 48, 109, 110, 113, 115, 163, 167, 170, 171, 172, 222, 225, 223, 285, 233 Dernham, Monte 291 Edy, Maimouna 108, 164, 165, 170, 170, 171, 172, 289 Epstein, A.L. 171 Feldman, H.M. 109, 225, 285, 287 Fettis, H.E. 50 Gandhi, J.M. 164 Gold, Ben K. 163 Gepalan, M.N. 108, 115, 166 Gotchak, V.D. 108, 110 Gregory, A.S. 45 Guy, Richard K. 164, 223, 224, 224, 225, 227, 228, 228, 283, 285, 285, 286, 287, 288, 289, Harris, V.C. 107, 284 Howell, John M. 110, 167, 282 Jones, Clinton E. 47 Karam, Ratib 225 Keeping, E.S. 164, 169 Kirchberg, M.A. 112, 285, 286 Klamkin, M.S. 46, 47, 48, 107, 163, 164, 165, 167, 170, 171, 172, 222, 286

Konhauser, J.D.E. 225, 285

Kravitz, Sam 47, 171, 285

Lambert, Walter D. 225 Leifer, H.R. 224

Linis, Viktors 1 15 Long, Mary Ann 285 Mann. Louis S. 171 Miller, Carman E. 225 Moser, Leo 110, 167 Mott, G.R. 49 Mulcrone, G.F. 52, 170, 223, 285 Ogilvy, C.S. 163 Pascual, M.J. 284 285 Pearsall, C.H. Jr. 107, 286 Pinzka, C.F. 225 Piza, Pedro A. 45, 164, 224 Probhakar, M.G. 108 Raine, P.W. Allen 171 Rainville, Earl D. 109 Ransom, W.R. 45, 223 Rao, H. S. Subba 282, 286 Ringenberg, L.A. 47, 164,166, 171, 225 Rummey, M. 281 Russell, D.C. 47 Saunders, Frank W. 110, 282, 285 286, 288 Sayre, David 46 Sesskin, S.H. 46, 46,48 Shafer, Robert E. 112, 115 Shahn, Ezra 112 Shklov, N. 108, 110, 112, 115, 163, 171, Siller, Harry 110, 114 Simon, John 112 Skolnik, Samuel 170 Starke, E.P. 46, 48, 110, 110, 112, 114, 115, 165, 166, 284 Stephanie, Sister M. 46 Thomas, P.D. 48, 113, 285, 288 Trigg, C.W. 165 172 281 Wang, Chih-yi 45, 46, 48, 109. 110, 115, 164, 167, 168, 170, 171, 172, 224, 225, 225, 228. 228, 229, 285, 285, 286, 287, 288, 288 Wayne, Alan 109, 222, 285, 286 Wilson, H.S. 109, 115, 225 Yearout, P.H. 282

Page		
Becker, H.W Comment on L. Caner's "Pythagorean Principle and Calculus .		
and Calculus"		
Symbols"		
Brown, Bancroft - Integral Twins		
Brown, Bancroft - Integral Twins		
Diamond, Louis E Irrational Number		
- New Meanings for Old Symbols 209		
Elston, Fred G Comment on Becker's Comment, (page 123) 124		
Gandhi, J.M Comment on H.W. Becker's Comment on L. Caner's "Pythagorean Principle and Calculus"		
"Pythagorean Principle and Calculus"		
- Farewell to 1955		
Certain Sequences of Integers Defined by Sieves 117		
Gordon, Basil - Comment on Vern Hoggart's "On the Fibonacci Sequence". 104		
Gregory, Robert T On the Convergence Rate of an Iterative Process . 63		
Hamilton, Hugh J Complex Quantities in the First Course in		
Differential Equations		
Hess, Adrien L Certain Topics Related to Constructions With		
Straight edge and Compasses		
Hines, Jerome - Generalization of the S-Sterling Numbers 200		
- Operator Mathematics III		
Horton, R.E Geometry in General Education		
James, Glenn - A Grass-Root Origin of a Certin Mathematical Concept 131		
- Long-Short Lines		
Lambek, I. and L. Moser - Asome Associative Operations on Integers 59		
Lariviere, R On a Convergence Test for Alternating Series 88		
Lazarus, R see Varna Gardiner		
Mathis, H.F A Geometry Problem		
Moser, L See I. Lambek		
Moser, L See I. Lambek		
Pennise, LLL A Method for Solving sin ²ⁿ ardx and cos ²ⁿ ardx 271		
Pennise, LLL A Method for Solving sin ²ⁿ axdx and cos ²ⁿ axdx 271 Pettis, B.J A Certain Bridge Tournament Seating Problem and		
Latin Squares		
Purcell, Lyle E See Roy F. Reeves		
Ransom, William R One Side Tangents		
Reeves, Roy F. and Lyle E. Purcell - An Application of a Cauchy		
Punctional Equation in Elementary Differential Equations 272		
Rough, Mike - Some Numbers Related to the Bernoulli Numbers 101		
Smith, C.D Comment on "The Trapezoid of Two Crossed Ladders" by H.A. Arnold		
Sobcayk, Andrew - Symmetrical Types of Convex Regions		
Spiegel, M.R Mean Value Theorems and Taylor Series		
Steinberg, R Example in Functional Equations		
Ulam, S See Verna Gardiner		
Vandiver, H.S. and M.W. Weaver - A Development of Associative Algebra		
Vandiver, H.S. and M.W. Weaver - A Development of Associative Algebra and An Algebraic Theory of Numbers, III		
Van Voorhis, W A Reference Triangle for Myperbolic Functions 157		
Weaver, M.W See H.S. Vandiver		
- Comment on Pedro Pizo's "On the Case n = 3 of Fermat's		
Last Theorem		
Last Incorem		

Problems and Questions

Contributors

Numbers refer to pages. Bold Type indicates a problem solved and solution published; italics, a problem solved but solution not published; ordinary type, a problem proposed.

Anning Norman, 222

Apostolopoulos, George T. 288

Solutions

The page on which a solution appears is in the parentheses following the number of the problem.

223 (46), 224 (46), 226 (47), 227 (48), 206 (49), 218 (52), 229 (108), 230 (109), 231 (110), 232 (110), 233 (112), 234 (113), 235 (114), 236 (164), 237 (165), 225 (166), 238 (168), 239 (169), 240 (170, 241 (170), 242 (171), 222 (172), 243 (223), 244 (224), 245 (225), 246 (225), 247 (227), 248 (228), 249 (229), 228 (282), 250 (284), 251 (284), 252 (285), 253 (286), 254 (286), 255 (288), 256 (288)

Ouickies

- 146, 147, 148, 149, 150, 151 (53)
- 152, 153, 154, 155, 156, 157, 158 (115)
- 159, 160, 161 (173)
- 162, 163, 164 (174)
- 165, 166 (229)
- 167, 168, 169 (230)
- 170, 171, 172, 173, 174, 175 (289)
- 176 (290)

Trickies

- 19, 20 (54)
- 21, 22 (231)
- 23 (232)